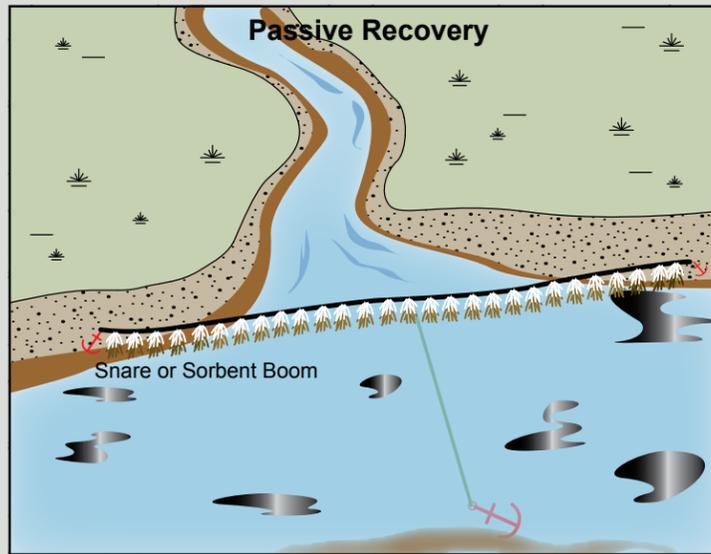


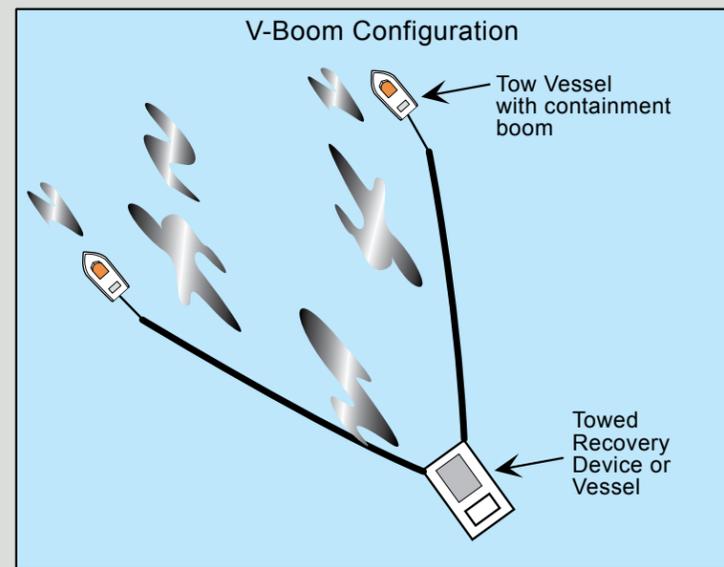
Kolavinarak River, WAK-S02

Center of map at 60° 15.44' N Lat., 164° 42.98' W Lon.

Geographic Response Strategies for Western Alaska Subarea, Southern Zone



An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Free-oil Recovery Tactic*. Actual deployment should be adjusted for local conditions.



Aerial photography of this area is unavailable at this time, but may be included as it becomes available.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-02-01 PR	Kolavinarak River a. Lat. 60° 18.75'N Lon. 164°40.04'W b. Lat. 60° 17.79'N Lon. 164°38.45'W c. Lat. 60° 16.36'N Lon. 164°36.95'W	Passive Recovery Survey and identify the drainages from the tundra prior to deployment. Place passive recovery across the channels of the river and drainages in the area near Kolavinarak River. a. 1800 ft b. 1200 ft c. 600 ft	Place and anchor snare line or sorbent boom across the channels of streams in Kolavinarak River. Replace as necessary to maximize the recovery.	Deployment Equipment 3600 ft. snare line or sorbent boom 18 ea. small anchor systems 12 ea. anchor stakes (Adjust equipment to reflect survey findings) Vessels 1 ea. class 3 2 ea. class 6 Personnel/Shift 7 ea. vessel crew/general techs Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew/general techs	Toksook Bay	Via marine waters Chart 16006	Fish- intertidal spawning-salmon, herring (June-Sept.), arctic char, white fish Birds-waterfowl, seabird and shorebird concentration Marine mammals- seals Habitat- exposed tidal flats, peat shoreline, marsh Human use-subsistence	Vessel master should have local knowledge. Title 41 permitting required from ADNDR. THREATENED OR ENDANGERED SPECIES/ HABITAT POSSIBLE. Discuss with DOI prior to on-site operations.
S-02-02 FO-S	Kolavinarak River Nearshore waters in the general area of: Lat. 60° 15.44'N Lon. 164°42.98'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Kolavinarak River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Kolavinarak River. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Toksook Bay	Via marine waters Chart 16006	Same as S-02-02	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Western Alaska Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_wak.htm.